

AMENDMENTS TO THE CLAIMS**Claim 1 (cancelled)****Claim 2 (currently amended)**

A recombinant DNA sequence comprising the hTFIIIA gene of the human transcription factor hTFIIIA ~~according to claim 1~~, coding for the amino acid sequence SEQ ID No: 2.

Claim 3 (previously presented)

A recombinant DNA sequence comprising the hTFIIIA gene according to claim 2, containing the nucleotide sequence SEQ ID No: 3.

Claim 4 (previously presented)

A recombinant DNA sequence comprising the hTFIIIA gene according to claim ~~4~~ 2, containing the nucleotide sequence SEQ ID No: 4.

Claim 5 (previously presented)

A recombinant DNA sequence according to claim 4 having the sequence beginning at nucleotide 176 and finishing at the nucleotide 1270 of SEQ ID No: 3.

Claim 6 (previously presented)

A recombinant DNA sequence coding for the human transcription factor hTFIIIA according to claim 2 as well as the DNA sequence which hybridize with it and/or show a significant homology with this sequence or fragments of it and which code for a protein with the same function.

Claim 7 (previously presented)

A recombinant DNA sequence according to claim 2 comprising modifications introduced by suppression, insertion and/or substitution of at least one nucleotide coding for a protein with the same biological activity as human transcription factor hTFIIIA.

Claim 8 (previously presented)

A recombinant DNA sequence according to claim 2 as well as similar DNA sequences which have nucleotide sequence of homology of at least 50% or at least 60% and preferably at least 70% with the said DNA sequence.

Claim 9 (previously presented)

A recombinant DNA sequence according to claim 2 as well as similar DNA sequences which code for a protein, the AA sequence of which has a homology of at least 40% with the AA sequence coded by the said DNA sequence.

Claim 10 (previously presented)

A polypeptide having the function of human transcription factor hTFIIIA and with the amino acid sequence SEQ ID No: 2 coded by the DNA sequence according to claim 2 and the analogues of this polypeptide.

Claim 11 (previously presented)

A process for the preparation of the hTFIIIA recombinant protein having the amino acid sequence SEQ ID No: 2 comprising the expression of the DNA sequence according to claim 2 in an appropriate host, then isolation and purification of the said recombinant protein.

Claim 12 (previously presented)

An expression vector containing the recombinant DNA sequence according to claim 3.

Claim 13 (original)

Host cell transformed with a vector according to claim 12.

Claim 14 (original)

Plasmid deposited at the CNCM under the number I-2071.

Claims 15 and 16 (cancelled)

Claim 17 (previously presented)

A method of treating a disease linked to transcription control disorders in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of the recombinant DNA sequence of claim 1 or in the human transcription factor coded by the sequence sufficient to treat said diseases.

Claim 18 (previously presented)

The method of claim 17 wherein the disease is cancer.